

## CLAIMS

1. A method of operation of a communication device including a cordless telephone and a two way radio, the method comprising the steps of:
  - communicating within a cordless telephone call;
  - 5 receiving an incoming two way radio communication;
  - placing the cordless telephone call in a hold mode, wherein the hold mode includes operating the cordless telephone in a low radio frequency mode; and
  - establishing communication within the two way radio communication.
- 10 2. The method of operation of a communication device as defined in Claim 1, further comprising the step of:
  - notifying a user of the two way radio communication in response to the receiving step.
- 15 3. The method of operation of a communication device as defined in Claim 1, further comprising the steps of:
  - querying the user for hold mode activation in response to the receiving step;
  - and
  - entering a user input instruction by the user to enter the hold mode in response
  - 20 to the query.
4. The method of operation of a communication device as defined in Claim 1, wherein the step of placing the cordless telephone in a hold mode further comprises the steps of:

operating the cordless telephone in a receive-only mode; and  
maintaining a telephone link between the cordless telephone and a cordless  
base station.

- 5     5.     The method of operating a communication device as defined in Claim 4,  
wherein the step of placing the cordless telephone in hold mode further comprises the  
step of:

instructing the cordless base station by the communication device to maintain  
the telephone link in a hold mode prior to the maintaining step.

10

6.     The method of operating a communication device as defined in Claim 4,  
wherein the step of maintaining the telephone link comprises sending one or more  
broadcast messages from the cordless base station to the communication device.

- 15     7.     The method of operating a communication device as defined in Claim 1,  
further comprising the steps of:

receiving a user input to terminate the hold mode; and  
resuming the cordless telephone call in response to the user input.

8. The method of operating a communication device as defined in Claim 1,  
further comprising the steps of:
- travelling out of range of a cordless base station used for the cordless  
5 telephone call;
- receiving an input to exit the hold mode; and
- notifying the user of the out of range situation.
9. The method of operating a communication device as defined in Claim 1,  
10 further comprising the steps of:
- setting a timer; and
- resuming the cordless telephone call when a time frame equals the timer.
10. The method of operating a communication device as defined in Claim 9,  
15 further comprising the steps of:
- resetting the timer in response to the resuming step; and
- operating the cordless telephone call within the hold mode.

11. A communication device comprising:  
a two way radio for communicating with within an active two way radio  
communication with one or more two way radios; and  
5 a cordless telephone for communicating within an active cordless telephone  
calls, wherein the cordless telephone is adapted to operate the active cordless  
telephone call in a low radio frequency mode when the two way radio is  
communicating within the active two way radio communication.
- 10 12. The communication device as recited in Claim 11, wherein the two way radio  
is operatively coupled to the cordless telephone, wherein the two way radio is adapted  
to notify the cordless telephone of the active two way radio communication.
13. The communication device as defined in Claim 12, further comprising:  
15 a user input for activating the low radio frequency mode of the cordless  
telephone in response to the active two way radio communication.
14. The communication device as defined in Claim 11 wherein the low radio  
frequency mode of the cordless telephone comprises:  
20 operating the cordless telephone in a receive-only mode; and  
maintaining a telephone link between the cordless telephone and a cordless  
base station.

15. The communication device as defined in Claim 14, wherein the cordless telephone is adapted to maintain the telephone link with the cordless base station by receiving one or more broadcast messages from the cordless base station.
- 5 16. The communication device as defined in Claim 11, wherein the cordless telephone includes a timer for establishing a time frame for the low radio frequency mode operation.